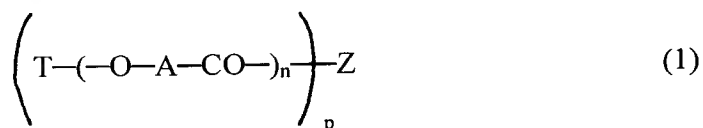


Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1-14. (Cancelled).

15. (Previously presented) A method for drop-on-demand printing an image on a substrate comprising applying a printing ink to the substrate by ink jet printing with an ink comprising a pigment, non-aqueous medium and a dispersant of formula 1



wherein

T is hydrogen or a polymerization terminating group;

A is C₈₋₂₀-alkylene;

Z is the residue of a polyamine or polyimine wherein the number-average molecular weight is from 5,000 to 100,000;

n is from 2 to 20;

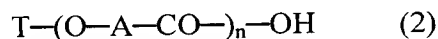
p is not less than 2; and

the weight ratio of (T-(O-A-CO)_n)_p to Z is from 7:1 to 20:1.

16. (Previously presented) A substrate printed with an ink by the method according to Claim 15.

17. (Previously presented) A method as claimed in Claim 15, wherein the weight ratio of $(T-(O-A-CO)_n)_p$ to Z is from 9:1 to 13:1.

18. (Previously presented) A method as claims in Claim 15, wherein the dispersant is obtained by reacting the polyamine or polyimine with an end-capped polyoxyalkylene-carbonyl acid or polyoxyalkenylencarbonyl acid (TPOAC acid) of formula 2:



where T, A, and n are as defined.

19. (Currently amended) A method as claimed in Claim 18 ~~19~~, wherein the TPOAC acid is derived from 12-hydroxystearic acid.

20. (Currently amended) A method as claimed in Claim 18 ~~19~~, wherein the ~~TPOAC has a number-average molecular weight of~~ the TPOAC acid is from 800 to 2000.

21. (Previously presented) A method as claimed in Claim 15, wherein Z is the residue of polyethyleneimine.

22. (Currently amended) A method as claimed in Claim 15, wherein the non-aqueous medium is an aromatic or aliphatic hydrocarbon or a mixture thereof.

23. (Previously presented) A method as claimed in Claim 15, wherein the ink additionally comprises a C₁₀₋₃₀-aliphatic fatty alcohol.

24. (Previously presented) A method as claimed in Claim 15, wherein the non-aqueous medium has a solubility parameter of 7.0 MPa^{1/2} or less.

25. (Previously presented) A method as claimed in Claim 15, wherein the ink additionally comprises a fluidizing agent.

26. (Previously presented) A method as claimed in Claim 15, wherein the ink additionally comprises a Receding Meniscus Velocity (RMV) modifier.

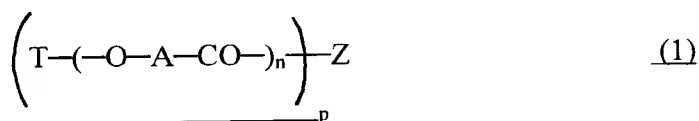
27. (Currently amended) A method as claimed in Claim 26 ~~27~~, wherein the RMV modifier is a linear phenolic polymer.

28. (Previously presented) A method as claimed in Claim 15, wherein the ink has a viscosity at 25 °C of less than 50 cP.

29. (Previously presented) A method as claimed in Claim 15, wherein the weight ratio of $(T-(O-A-CO)_n)_p$ to Z is from 7:1 to 13:1.

30. (Previously presented) A method as claimed in Claim 15, wherein the weight ratio of $(T-(O-A-CO)_n)_p$ to Z is from 10:1 to 13:1.

31. (Currently amended) A method ~~as claimed in Claim 15~~, for drop-on-demand printing an image on a substrate comprising applying a printing ink to the substrate by ink jet printing with an ink comprising a pigment, non-aqueous medium and a dispersant of formula 1



wherein

T is hydrogen or a polymerization terminating group;

A is C₈₋₂₀-alkylene;

Z is the residue of a polyamine or polyimine wherein the number-average molecular weight is from 5,000 to 100,000;

n is from 2 to 20;

p is not less than 2; and

the weight ratio of (T-(-O-A-CO)_n-)_p to Z is from 7:1 to 20:1.

32. (Previously presented) A method as claimed in Claim 15, wherein Z is the residue of a polyimine.